

## 5.0 PANEL DESCRIPTIONS

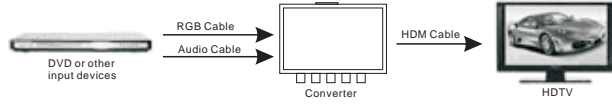


## 6.0 CONNECTION &amp; OPERATION

- 1) Connect the Component source (such as HD-DVD, PS3, STB) to the input of Converter.
- 2) Connect HDTV to the output of converter via HDMI cable
- 3) Plug one power supply into the Converter.

**Attention: Insert / Extract cable gently. .**

## 6.1 CONNECTION DIAGRAM



## USER MANUAL

## Table of Contents

<b>1.0 Introduction.....</b>	<b>1</b>
<b>2.0 Features .....</b>	<b>1</b>
<b>3.0 Specifications.....</b>	<b>2</b>
<b>4.0 Package Contents.....</b>	<b>2</b>
<b>5.0 Panel Descriptions.....</b>	<b>3</b>
<b>6.0 Connection and Operation.....</b>	<b>3</b>

## RGB to HDMI Converter

## DEAR CUSTOMER

Thank you for purchasing this product for optimum performance and safety. Please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

## 1.0 INTRODUCTION

This converter is a component(YPbPr) video converter that allows older analog devices to be integrated seamlessly into the modern home theater. This adapter connects component video home theater devices to HDMI compliant digital monitors. It also takes digital audio and encodes it onto the HDMI signal for the full HDMI video and audio effect. With the Component + Digital Audio to HDMI Adapter legacy home theater devices can be easily connected any HDMI display for the full digital video and audio experience.

## 2.0 FEATURES

- \* HDCP pass-through
- \* Input: Component Video (YPbPr), 1 x Audio
- \* Output: HDMI
- \* Output Audio is selectable between Stereo Audio  
YPbPr input + Stereo Audio(R/L) = HDMI Output
- \* It supports full range of Component Video Resolutions:  
480i, 480p, 576i, 576p, 720p, 1080i and 1080p;
- \* HDMI Transmission Rate: 5Gbps
- \* Support 165MHz/1.65Gbps per channel (4.95Gbps all channel) bandwidth.
- \* Support 8bit per channel (24bit all channel) deep color.
- \* Support uncompressed 2 channel audio such as LPCM

## 3.0 SPECIFICATIONS

Signal Inputs	Component(YPbPr) Signal
Input Video Signal	0.5 -1.0 volts p-p
Output Video	HDMI Signal
DTV/HDTV	480i/576i/480p/576p/720p/1080i/1080P
Video Amplifier Bandwidth	1.65Gbps/165MHz
Vertical Frequency Range	50/60Hz
Interlaced(50&60Hz)	480i,576i,1080i
Progressive(50&60Hz)	480p,576p,720p,1080p
Limited Warranty	1 Year Parts and Labor
Operating Temperature	0℃ to +70℃
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10℃ to +80℃
Storage Humidity	5% to 90 % RH (no condensation)
Power Supply	5V DC
Power consumption (Max)	5W
Converter Unit Cert.	FCC,CE
Power Supply Cert.	CE,FCC
AC Power Adapter	US standard, UK standard and so on
User Manual	English Version

**Note: Specifications are subject to change without notice.**

## 4.0 PACKAGE CONTENTS

- 1) Main unit RGB to HDMI Converter
- 2) 5V DC Power Supply
- 3) User Manual

深圳市博胜电子技术有限公司

型号：NPETRH （说明书）

审核	制作		采购	
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